SANTOS SAS:
140-150 AVENUE ROGER SALENGRO
69120 VAULX-EN-VELIN (LYON) - FRANCE
TÉL. 33 (0) 472 37 35 29 - FAX 33 (0) 478 26 58 21 -
TELECOPIE 33 (0) 478 26 58 21
E-Mail :santos@santos.fr www.santos.fr

BAR ESPRESSO COFFEE GRINDER #60

USER AND MAINTENANCE MANUAL

IMPORTANT: documents included in this manual to be kept:

- **"CE" COMPLIANCE DECLARATION**
- **WARRANTY CERTIFICATE**

Translation of the original version

Coffee grinders - Fruit juicers - Mixers - Blenders - Drinks dispensers - Planetary mixers
Cheese graters - Ice crushers - Mincers - Vegetable slicers – Dough mixer
Moulins à café - Presse-fruits - Mixers - Blenders - Distributeurs de boissons - Batteurs mélangeurs - Pétrin - Râpes à fromage - Broyeurs à glaçons - Hache-viande - Coupe-légumes

MODELES DEPOSES FRANCE ET INTERNATIONAL
INTERNATIONALLY PATENTED MODELS

ENG

CONTENTS

"CE" COMPLIANCE DECLARATION **3**

IMPORTANT SAFEGUARDS **4**

INSTALLATION AND HANDLING *4*
IMPROPER USE *4*
ELECTRICAL CONNECTION: *5*
USING FOR THE 1ST TIME *5*
RECYCLING THE PRODUCT AT THE END OF ITS SERVICE LIFE *6*

YOUR No. 60 BAR ESPRESSO COFFEE GRINDER **7**

COFFEE LABEL PERSONALIZATION *7*

USING THE MACHINE **8**

STARTING UP: *8*
Assembly and preparation: 8
USING: *8*
FITTING AND REMOVING THE REMOVABLE DOSE MEASURER: 9
Removing and refitting the removable dose measurer: 9
Fitting the removable dose measurer: 9
Fitting the removable dose measurer: 9
GROUND COFFEE ADJUSTMENT AND DISPENSING: 10
Grinding adjustment: 10
Adjusting the ground coffee dose measurement: 10
CLEANING: 11
MAINTENANCE 11
Discharging the capacitor: 11
Spare parts: 11
Replacing the grindstones: 12

FAULT FINDING **14**

The machine will not start: 14
The machine stops automatically after a too long operating time: 14
The machine stops as a result of motor over-heating (the motor unit is hot): 15
The machine stops as a result of an overload: 15
The machine stops a few minutes after starting: 15
The ground coffee dose measurement is not consistent: 15
The ground coffee gets jammed in the grinding body conduit: 15

MACHINE TECHNICAL SPECIFICATIONS **16**

110-120V 50/60 Hz wiring diagram 17
220-240V 50 Hz wiring diagram 17
Element cross-reference table 19

WARRANTY CERTIFICATE **29**

APPLIANCE IDENTIFICATION PLATE **29**

ENG

"CE" COMPLIANCE DECLARATION

THE MANUFACTURER:

SANTOS SAS - 140-150, Av. Roger SALENGRO 69120 VAULX-EN-VELIN (LYON) FRANCE

declares that the appliance intended for the professional market described below:

Description: **AUTOMATIC SILENT ESPRESSO COFFEE GRINDER**
Type number: **#60, 60C**

complies with:

- the statutory provisions defined in appendix 1 of the European "machines" directive **n°2006/42/CE** and the national legislation transposing it
- the statutory provisions of the following European directives and regulations:
  - N° 2006/95/CE (low voltage directive)
  - N° 2004/108/CE (EMC directive)
  - No. 2002/95/CE (RoHS directive)
  - No. 2002/96/CE (WEEE directive)
  - N° 1935/2004/CE (regulation) relating to materials and articles intended to come into contact with foodstuffs

Harmonised European standards used to give presumption of conformity with the essential requirements of the above-mentioned directives:

- NF EN ISO 12100 -1 and 2:2004: Safety of machinery - General principles for design
- NF EN 60204-1: 2006 : Safety of machinery - Electrical equipment of machines- General requirements
- NF EN 1672-2: 2005, Food processing machinery – Basic concepts – Hygiene requirements
- NF EN 60335-1: 2013 : Household and similar electrical appliances. Safety.
- NF EN 60335-2-64 :2004 : Particular requirements for commercial electric kitchen machines

Drawn up in VAULX-EN-VELIN on: **01/10/2013**
Signatory's position: **CHIEF EXECUTIVE OFFICER**
Signatory's name: **Aurélien FOUQUET**

Signature:

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IMPORTANT SAFEGUARDS

When using, cleaning or maintaining the machine, always follow these instructions:

Read the explanatory instructions in full
Keep this user manual

Note: For easier understanding of the sections below, please refer to the diagrams at the end of the manual

INSTALLATION AND HANDLING

Just one person is required for handling the appliance. For ease of use, it is recommended that the machine is placed on a table or work surface so as to have the dose measurer in front of you (recommended height: 90 cm, to be adapted to suit the user).

IMPROPER USE

1. Do not use this appliance for grinding anything other than roasted coffee beans.
2. Never operate the appliance with no coffee beans in the bean container.
3. Remove from the coffee beans any foreign bodies which may damage the grinding wheels (metal staples, stones, etc.).
4. The appliance should neither be cleaned in a jet of water nor with a high pressure spray.
5. For electrocution risk protection reasons, never plunge the base into water or any other liquid.
6. Unplug the appliance before carrying out any work on it: cleaning, maintenance or repair.
7. The use of spare parts other than certified SANTOS original parts is prohibited.
8. Do not use the appliance if the power supply cord is damaged. It must be replaced by either a SANTOS approved dealer or a person with similar qualifications to avoid any danger.
9. It is forbidden to operate the appliance on a surface with a slope in excess of 10° with respect to the horizontal plane. The feet of the machine must always be resting on this surface. The machine motor shaft must always be vertical with respect to the surface on which it is placed.
10. Connect several appliances to the same power socket.
11. Do not use the appliance outdoors.
12. Never place the appliance close to or on a source of heat.

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13. This appliance is a professional machine designed exclusively for professional use. It is not designed for household use.
14. This appliance is not designed for use by people (including children) whose physical, sensorial or mental capacities are impaired or by people with no experience or knowledge, unless they have been supervised or given training in the use of the appliance beforehand by a person responsible for their safety.
Supervise children to ensure they do not play with the appliance.

ELECTRICAL CONNECTION:

- The electric power supply for the machine is available in 2 single-phase voltages:
  - 110-120 V 50/60 Hz: 60V1 model
  - 220-240 V 50/60 Hz: 60 model

Line protection: the machine should be connected to a standard 2-pole + earth electric socket. The installation should be fitted with an RCD and a fuse rated at 16A. **The appliance must be earthed** (fig. B)

CARE:

- Before connecting the machine, check that the mains electrical voltage is the same as the voltage for your appliance. Its value is shown:
  - either on the identification plate (**16**) under the machine.
  - or on the identification plate on the last page of this manual.

- If the power cable (**10**) is damaged, it should be replaced by a SANTOS approved dealer, SANTOS or a person with similar qualifications to avoid any danger.

CARE: Check that the On / Off switch (11) is in the **0 position** before connecting the power cable plug (10) to your mains electric power socket.

USING FOR THE 1ST TIME

Carefully clean the parts which come into contact with the coffee (fig. A, fig. B, fig. C and fig. D).

- Take off the lid (24), release the removable dose measurer (31) by pressing the locking lever (30), take off the bean container (2) and the ground coffee collector (3) and wash them with a standard dish washing product.

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RECYCLING THE PRODUCT AT THE END OF ITS SERVICE LIFE

This equipment is marked with the selective sorting symbol relating to wastes from electrical and electronic equipment. It signifies that this product should be taken over by a selective collection system conforming to the Guideline 2002/96/EC (WEEE) – part Professional Equipment – so that it can be either recycled or dismantled in order to reduce any impact on the environment.

For more information, please contact your Retailer or the SANTOS.

For eliminating or recycling components of equipment, please contact a specialized company or contact SANTOS.

The electronic products not undergoing a selective sorting are potentially dangerous for the environment.

The damaging materials should be eliminated or recycled according to the regulations in force.

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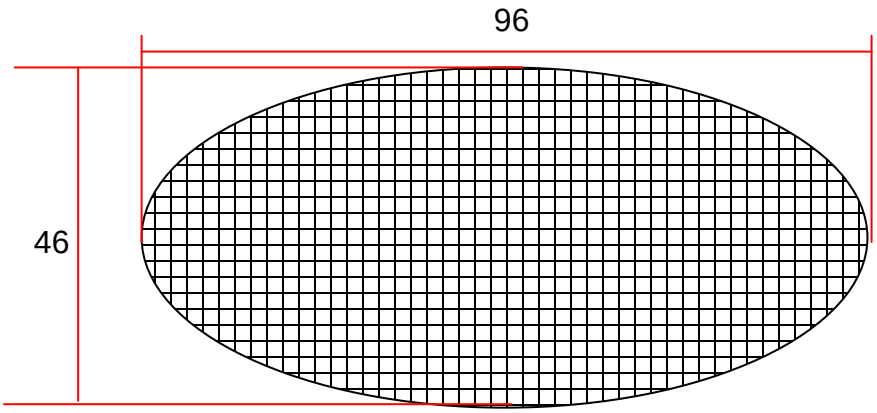
YOUR No. 60 BAR ESPRESSO COFFEE GRINDER

- The No. 60 silent bar espresso coffee grinder is designed for bars, cafés, hotels and restaurants. It is suitable for all types of espresso coffee machines.
- The machine consists of an aluminum grinder unit and base, a transparent plastic bean container, a removable dose measurer and a dose counter.
- The machine can be used to grind roasted coffee and to dispense it via a removable adjustable dose measurer.
- The following adjustments can be made:
    - Adjustment of the grinding fineness (from espresso to filter)
    - Adjustment of the ground coffee dose measurement (from approximately 5.5g to 9.5g).
    - Fitting of a smaller, 53 mm diameter dose tamper.

COFFEE LABEL PERSONALIZATION

You can personalize the coffee label located on the top of the lid, for example to show the brand of coffee proposed, the type of coffee, or simply to identify the coffee used if you have more than one appliance side by side (with more than one type of coffee).



The label template can be personalized. To be printed to scale 1 and then cut out.

You can personalize the label directly on our Web site (Word document).

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USING THE MACHINE

STARTING UP:

CARE: *the coffee grinder must not be used empty. Always put coffee in the hopper and open the shutter (6) (fig. G).*

Assembly and preparation:

1. **Clip the ground coffee collector (3)** onto the base (4).
2. **Fit the removable dose measurer (31) onto the grinder, taking care to line it up properly with the coffee outlet (23) and to clip it on properly with the locking pin (29).**
3. **Put the dose measurer lid on (24).**
4. **Place the bean container (2)** on the grinder body adjustment nut (5).
5. **Pour the roasted coffee beans** into the bean container (2) and put the lid (1) on the bean container.
6. Open the bean container shutter (**6**).

USING:

1. Switch the electric current on to the machine by putting the On / Off switch (11) to **the 1 position** (the motor starts up after 1.5 sec).
2. The coffee beans are then ground by the grindstones and the grounds come out of the grinder unit to fill the dose measurer (31).
3. Place the filter holder under the dose measurer outlet (32) using the filter holder support (22) to help (fig. B).
4. Pull the dose measurer handle (21) once or twice to dispense 1 or 2 measure(s) of ground coffee.
5. Position the filter holder at the end of the filter holder support (22) below the tamper (20) and tamp down the coffee with the tamper, pressing on the button.

Note: A 5-figure meter on the side of the dose measurer counts each dose

The motor stops automatically after 3 sec when the dose measurer is full. It starts again after 1.5 sec, after a few dose measures, when the level of ground coffee has fallen sufficiently. Because of this, the machine can remain switched on in **position 1**, always subject to the hopper being supplied with coffee.

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FITTING AND REMOVING THE REMOVABLE DOSE MEASURER:

Note: If the dose measurer (31) is not properly positioned and locked onto the No. 60 coffee grinder, it will not start. If the lid (24) with the detection paddle (14) and its magnet (19) is not properly positioned and fitted onto the dose measurer, the No. 60 coffee grinder will not start (fig. H).

Removing and refitting the removable dose measurer:

The removable dose measurer can be removed and refitted either to provide for the dispensing of different ground coffee qualities from a No. 60 coffee grinder or from a SANTOS No. 56 base-mounted dose measurer or from a SANTOS No. 57 wall-mounted dose measurer, or to remedy an after-sales service problem quickly:

- Removal of a dose measurer placed on the No. 60 coffee grinder to put it on a SANTOS No. 56 base-mounted dose measurer or a SANTOS No. 57 wall-mounted dose measurer. To facilitate changing and fitting the dose measurer in this case, it is recommended that the dose measurer lid is taken off with the detection paddle and its magnet and the coffee outlet area cleared to avoid losing ground coffee on removal (brush supplied).
- Removal of the dose measurer to replace it quickly by another (for adjustment, cleaning, repair, etc.).

Fitting the removable dose measurer:

1. Take off the dose measurer lid (24).
2. Press the lever (30) to retract the dose measurer locking pin (29).
3. Remove the removable dose measurer (31) holding it by the tamper (20). Release the bottom of the dose measurer first (rotation), then downwards to unhook it.
4. Release the lever (30) to allow the dose measurer locking pin (29) to move back to the ready position.

Fitting the removable dose measurer:

5. Fit the removable dose measurer (31) by positioning the dose measurer slot in the dose measurer support plate hook (26), then give a turning movement to engage it on the locking pin (29). Push the dose measurer fully in to the support plate (26) to lock the removable dose measurer (31) in position.
6. Check the dose measurer (31) is properly locked on by pulling on the tamper nose (20)
7. Refit the dose measurer lid (24) by positioning correctly and inserting fully onto the dose measurer (31) transparent cylinder.

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GROUND COFFEE ADJUSTMENT AND DISPENSING:

Grinding adjustment:

Note: Never operate the machine with the two grindstones in contact. Letting the grindstones come into contact may result in the grindings jamming in the grinder unit and premature wear of the grindstones.
The machine is set in the factory so that the "0" marker on the nut (5) graduated plate (12) corresponds to the finest grinding without the grindstones touching (fig. J and fig. K).

8. Hold the adjustment nut (5) with one hand and press the indexing pointer (7) with the other
9. Tighten the adjustment nut (5) by turning in a clockwise direction by one or two notches for finer grinding.
10. Loosen the adjustment nut (5) by turning in an anti-clockwise direction by one or two notches for coarser grinding.
11. Release the indexing pointer (7) to retain the grinding setting.
12. Draw off a few measures of coffee to check the grinding adjustment.

Depending on the type of coffee used and the grinding fineness required, the output may vary from one setting to another. Too fine a grinding setting may heat the coffee up and alter its aroma.

Estimating the size of the grind:

During the grind adjustment operation, the lid (24) may be removed and the motor will continue to run for 3 sec, which means that the grind can be touched at the coffee output pipe and an estimate made of the size of the coffee grinding obtained.

Adjusting the ground coffee dose measurement:

The dose measurer should be cleaned regularly to prevent the coffee which has built up on the walls from interfering with the adjustment of the dose measurer.

The machine is set in the factory for a measured dose of 7g.

1. Start the machine up and allow the dose measurer to fill.
2. Draw off 3 to 4 doses. The machine should start again automatically.
3. Wait for the machine to stop to draw off another 5 to 6 doses.
4. Measure the mass (weight) of the following doses.
5. **Tighten the thumb wheel (8)** in a clockwise direction to **reduce** the quantity of ground coffee per measured dose (the thumb wheel is adjusted by half-turns) (fig. L).
6. **Loosen the thumb wheel (8)** in an anti-clockwise direction to **increase** the quantity of ground coffee per measured dose.
7. **Draw off more than 6 doses** for the adjustments to be fully taken into account.

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CLEANING:

IMPORTANT:

- **In all circumstances, the machine should be stopped and the machine's power supply cable (10) unplugged.**
- **Do not clean with a water spray or pressure jet**

Clean the dose measurer regularly with a brush.
Make sure that the walls of the coffee dispensing conduit and the 6 branches of the cross-pieces are always clean.

MAINTENANCE

Before carrying out any work on the machine, it must be unplugged from the mains and the motor start capacitor discharged.

Discharging the capacitor:

- Unscrew the 2 screws located under the machine in the middle of the base plate (fig. M and fig. T).
- Withdraw the electrical components unit (25) from the base plate.
- Using a screwdriver with an **insulated handle**, touch the 2 capacitor connections (15). If you see an electric arc, this means that the capacitor has been discharged.

IMPORTANT: Use of spare parts other than certified original SANTOS parts is prohibited

Discharging the capacitor:

- Unscrew the 2 screws located under the machine in the middle of the base plate (fig. E).
- Pull the electrical components unit (20) out of the base plate.
- Using a screwdriver with an **insulated handle**, touch the 2 capacitor connections (15). The sight of an electric arc shows that the capacitor has been discharged.

Spare parts:

This machine requires no specific maintenance. The bearings are lubricated for life.
If work is required to replace worn parts such as the grindstones or the electric or other components, refer to the parts list (see exploded view at the end of the manual).

For **all spare part orders** (see references in the exploded view at the end of the manual), state:

- **the type,**

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- **the machine serial number and**
- **the electrical specifications** (**16**)

recorded under the machine.

Replacing the grindstones:

IMPORTANT: always change both 2 grindstones (9) at the same time. (use SANTOS reference 00001B)

The 2 grindstones are identical and can be fitted equally either on the moving plate (18) (moving grindstone) or on the adjusting "nut" (5) (fixed grindstone) (fig. P and fig. Q).

1. Close the bean shutter (6) (fig. G).
2. Run the machine until the coffee beans waiting in the grinder body have passed through.
3. Stop the machine and unplug the mains power lead (10).
4. Take off the bean container (2).
5. With one hand, press the **indexing pointer (7)** and with the other unscrew the adjustment nut (5), turning it in an anti-clockwise direction (fig. N).

Care: When fully unscrewed, handle this part with care so as not to damage the brass thread.

6. Unscrew the 3 screws (32) on each grindstone (fig. O and fig. Q). For the moving grindstone, place a screwdriver across the grinder body and the coffee outlet tube to stop the grindstone carrier plate from turning on unscrewing or tightening the grindstone retaining screws.
7. Carefully clean the whole grinder body, in particular the grindstone facing areas.
8. Place each grindstone on its support making sure that there is no coffee dust between the grindstone and its support.

CARE: *The slightest small coffee particle under the grindstone may prevent the machine from operating correctly. It is recommended that the grinder body is cleaned with a compressed air jet or a dry brush.*

CARE: *Do not unscrew the retaining shaft (17) from the grindstone carrier plate (18) so as not to upset the geometry of the assembly* (fig. P).

9. Once both the grindstones have been replaced, with one hand press the **indexing pointer (7)** and with the other place the ground coffee adjustment nut (5) onto the grinder body taking care not to damage the thread. Without using force, put the nut (5) on the grinder body, unscrewing it gently to feel for alignment of the two threads and thus to be able to feed them in **without using force**. Then tighten until the 2 grindstones come into contact (fig. S).

10. Unscrew the "adjustment nut" (5) to free the grindstones in contact.
11. Plug the machine in and switch it on with no coffee.

12. While pressing the indexing pointer with one hand, with the other screw up the adjustment nut (5) until the 2 grindstones make **slight** contact (slight noise).
13. Stop the machine.
14. Unscrew the graduated plate (12) retaining screws and re-index the graduated plate "0" (12) with the indexing pointer (7) (fig. L).
15. Loosen the adjustment nut (5) by 5 to 10 notches
16. With coffee in, adjust the ground coffee setting (see "Grinding adjustment" section).

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FAULT FINDING

If for an unknown or involuntary reason your No. 60 grinder stops or no longer provides its function, please proceed as follows:

- Try to determine the exact reason for the machine stopping.
- Depending on what you identify, refer to the section below which is most relevant to your problem.
- If, when you are working on the machine to resolve the problem, you need to remove the container (2), remember to close the bean container shutter (6).
- In all circumstances, if the problem persists, turn the electric power supply off, unplug the mains supply lead plug (10) and call on someone from the maintenance department or contact an approved SANTOS dealer.

The machine will not start:

- Check: the mains power supply and the condition of the power supply lead (10).
- Check that the On / Off switch indicator (11) lights up when the switch is in the **1** position. If not, replace the switch.
- Check that the dose measurer (31) and the dose measurer lid (24) with the detection paddle (14) and its magnet (19) are correctly positioned on the coffee grinder.
- Check that the grindstones (9) are not making contact preventing the motor from starting; unscrew the nut (5).
- Check that there are no foreign bodies stuck between the grindstones (9).
- Inside the machine, check the condition of the electric wires and the connections (on the switch (11) and on the component support module (25) (fig. M and fig. T)) (the electric components can be accessed without dismantling the machine); also check on the dose measurer presence sensor (27) and the dose measurer filling level sensor (28) located behind the dose measurer support plate (26) (fig. O).
- Check the electric components, replacing them one by one.

The machine stops automatically after a too long operating time:

The No. 60 coffee grinder stops automatically if the pre-programmed maximum continuous operation time is reached. This protection provides the means for preventing any overheating of the motor. Where the coffee grinder has been stopped in this way, the following is required to remedy it:

- Check that there are still coffee beans in the bean container (2).
- Check that the bean container shutter (6) is in the open position.
- Where appropriate, check the condition of the grindstones and replace them where necessary.
- Check that the dose measurer is properly in place and also the lid.
- Check that the coffee outlet conduit is not blocked (remove the lid and use the brush).
- After having made all these checks, put the On/Off switch (11) to the **0** position, then to the **1** position. In all events, the coffee grinder should start again.

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The machine stops as a result of motor over-heating (the motor unit is hot):

If the motor should heat up abnormally before the pre-programmed time has run out, as the motor is protected by integral thermal protection, the motor stops.

- Check that there are still coffee beans in the bean container (2).
- Put the On / Off switch (11) to the **0** position and unplug the mains power supply lead (10).

Wait for the motor to cool down (20 to 45 minutes), plug the power supply lead (10) back in and then press the On / Off switch (11) (position **1**).

The machine stops as a result of an overload:

A foreign body between the grindstones, the grindstones coming into contact, too fine coffee grinding or intensive operation may result in motor overload.
Under these circumstances, the No. 60 grinder current overload protection may be activated and stop the operation of the machine.
If the machine is abnormally hot, refer to the section "The machine stops as a result of motor over-heating".
Otherwise:
Turn the electric power supply off, unplug the mains power supply lead (10), and refer to the section "changing the grindstones" to remove the foreign body or to clean the grindstones and resolve the motor overheating problem.
Move the On / Off switch (11) to the **0** position and then to the **1** position. In all events, the No. 60 coffee grinder should start again.

The machine stops a few minutes after starting:

- Check all the electrical components, start capacitor (15), electronic card (13), dose measurer presence sensor (27), coffee filling level sensor (28), and mains power supply lead (10).

The ground coffee dose measurement is not consistent:

- Check that there are coffee beans in the bean container (2)
- Check that there are coffee grindings in the dose measurer
- Clean the coffee dose measurer.
- Check the dose measurement drawing handle is operating properly. Clean where necessary.

The ground coffee gets jammed in the grinding body conduit:

- The machine has perhaps been subjected to a vertical shock (e.g.: during transport); remove the dose measurer lid (24) and check that the conduit (23) located between the grinding body outlet (5) and the dose measurer support plate (26) has not come out of its housing (fig. D and fig. E).

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MACHINE TECHNICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS (1)		
Model 60		Single phase
Power supply voltage Frequency	.(V) (Hz)	220-240 100-120 50/60 50/60
Motor: rating Input power Speed:	 (W) (rpm)	 600 800 2850 at 50 Hz, 3400 at 60 Hz
Bean container capacity Grindstone diameter Average output Dose measurement adjustment (approx.) Dose measurer capacity	(kg) (mm) (Kg/h) (g) (kg)	2.2 63.5 15 From 5.5 to 9.5 0.2
Automatic start and stop		Every 2 to 4 doses
Dimensions: Height Width Depth Weight: Net weight Packaged weight Noise: (2)	(mm) (mm) (mm) (kg) (kg) (dBA)	580 190 390 14 16 63

(1) These values are given as an indication only. The exact electrical specifications for your machine are given on the identification plate.

(2) Noise level measured in acoustic pressure with the machine under load at 1 m from its axis in accordance with standard EN 31201.

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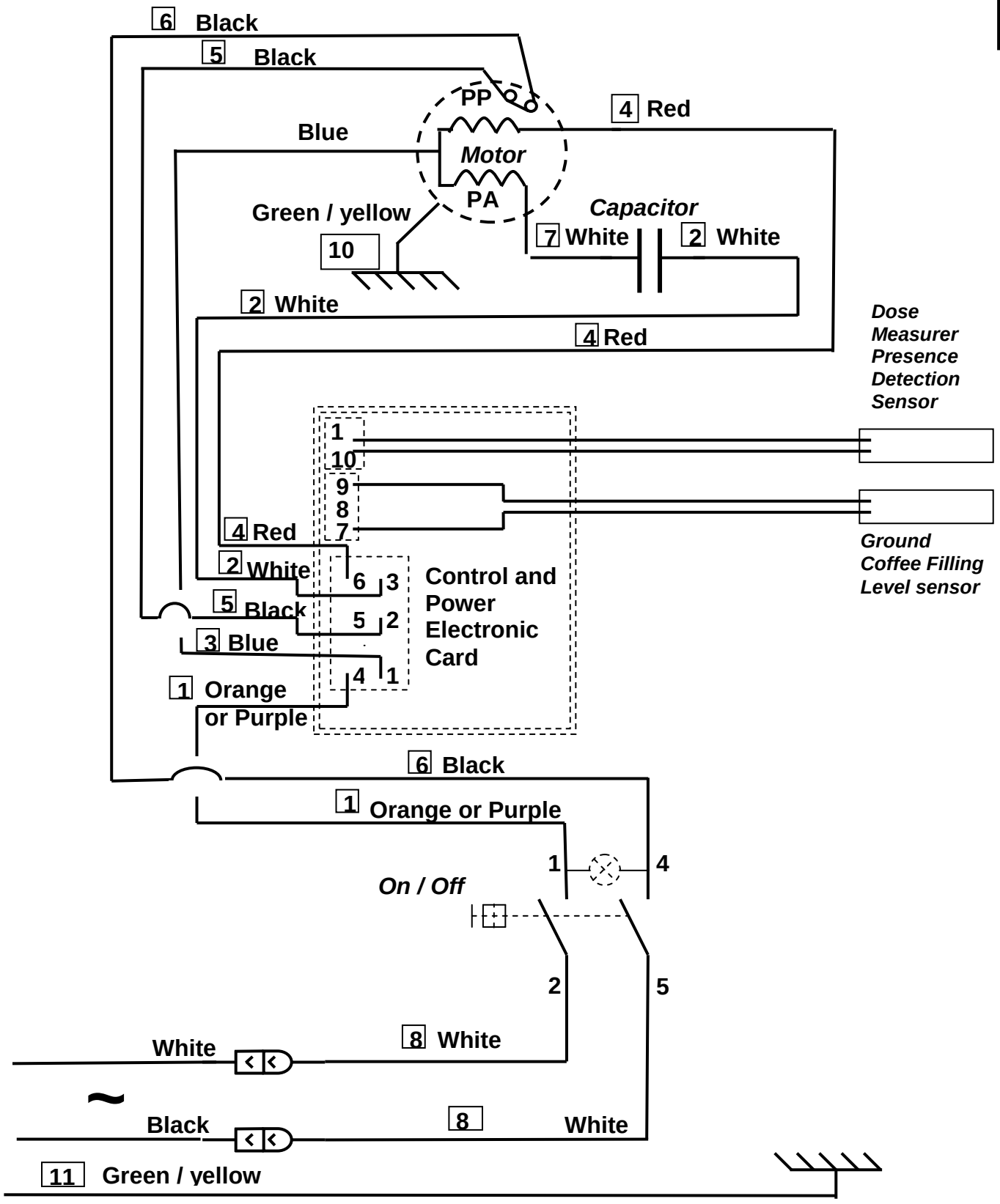
110-120V 50/60 Hz wiring diagram



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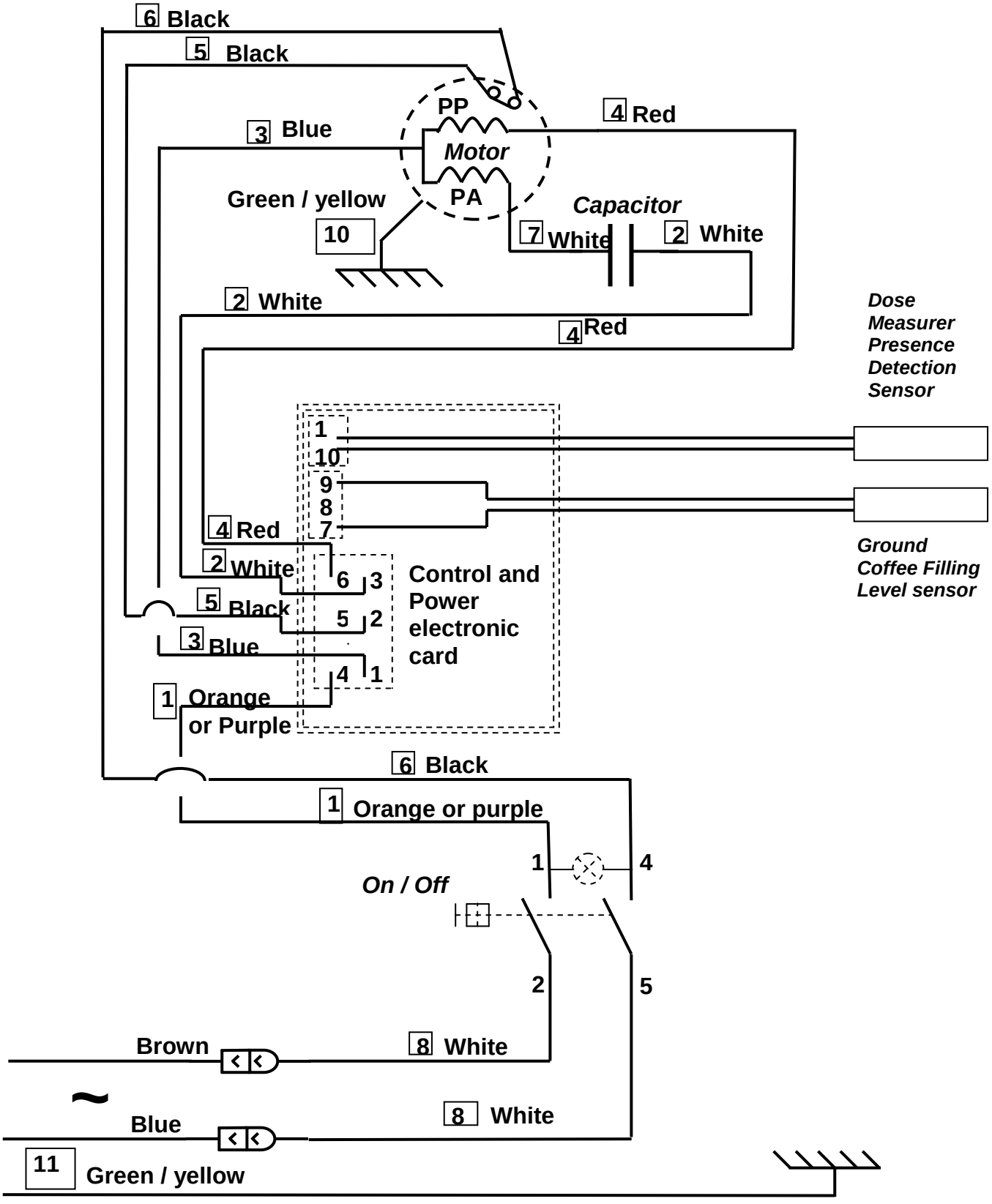
220-240V 50 Hz wiring diagram



Element cross-reference table

ITEM	Description
1	Bean container lid
2	Bean container
3	Ground coffee collector
4	Base
5	Grinder unit
6	Bean container shutter
7	Indexing pointer
8	Coffee dose measurement adjustment thumb wheel
9	Grindstone
10	Power supply lead plug.
11	On / Off switch
12	Graduated plate
13	Electronic card
14	Level detection paddle
15	Capacitor
16	Identification plate
17	Motor spindle nut
18	Grindstone holding plate
19	Magnet
20	Ground coffee tamper
21	Dose measurer handle
22	Filter holder support
23	Ground coffee outlet conduit
24	Dose measurer lid
25	Component support module
26	Dose measurer support plate
27	Dose measurer presence sensor
28	Filling level sensor
29	Dose measurer locking pin
30	Locking lever
31	Complete removable dose measurer
32	Dose measurer outlet conduit

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Fig A

Fig B

Fig C

Fig D

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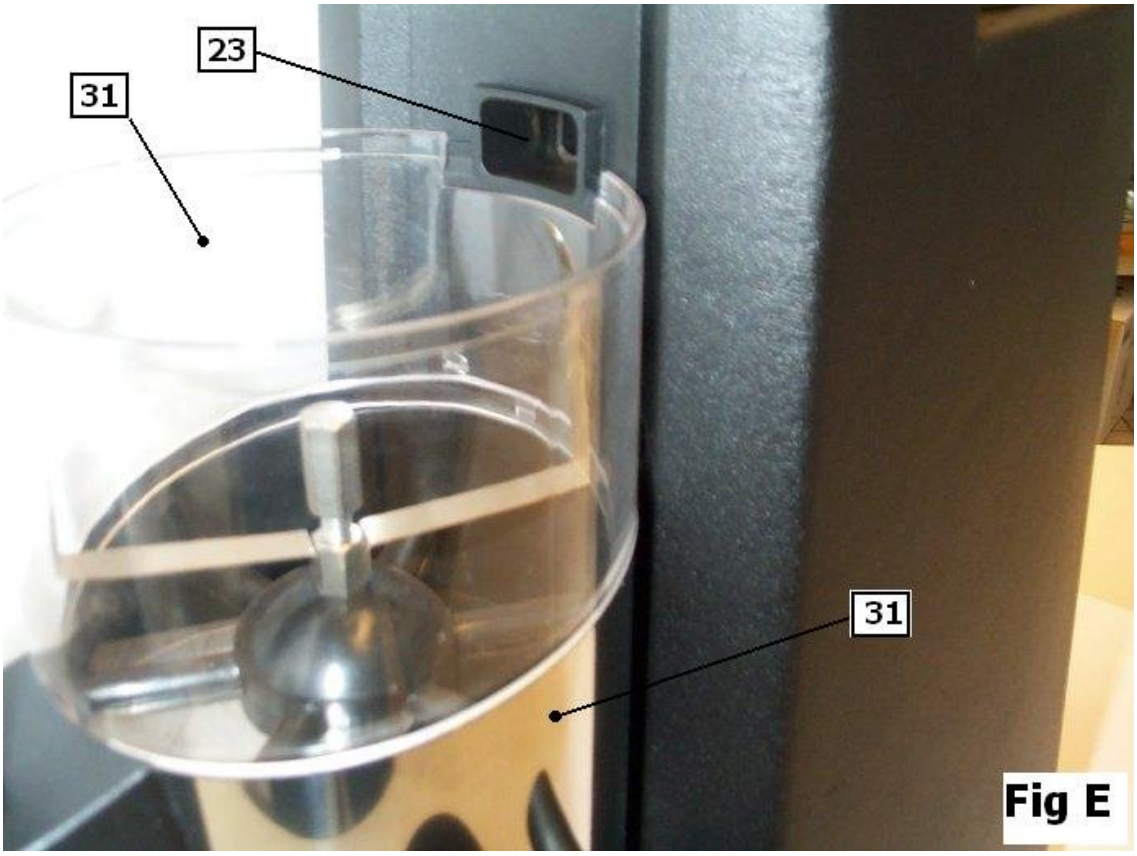

Fig E

Fig F

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Fig G

Fig H

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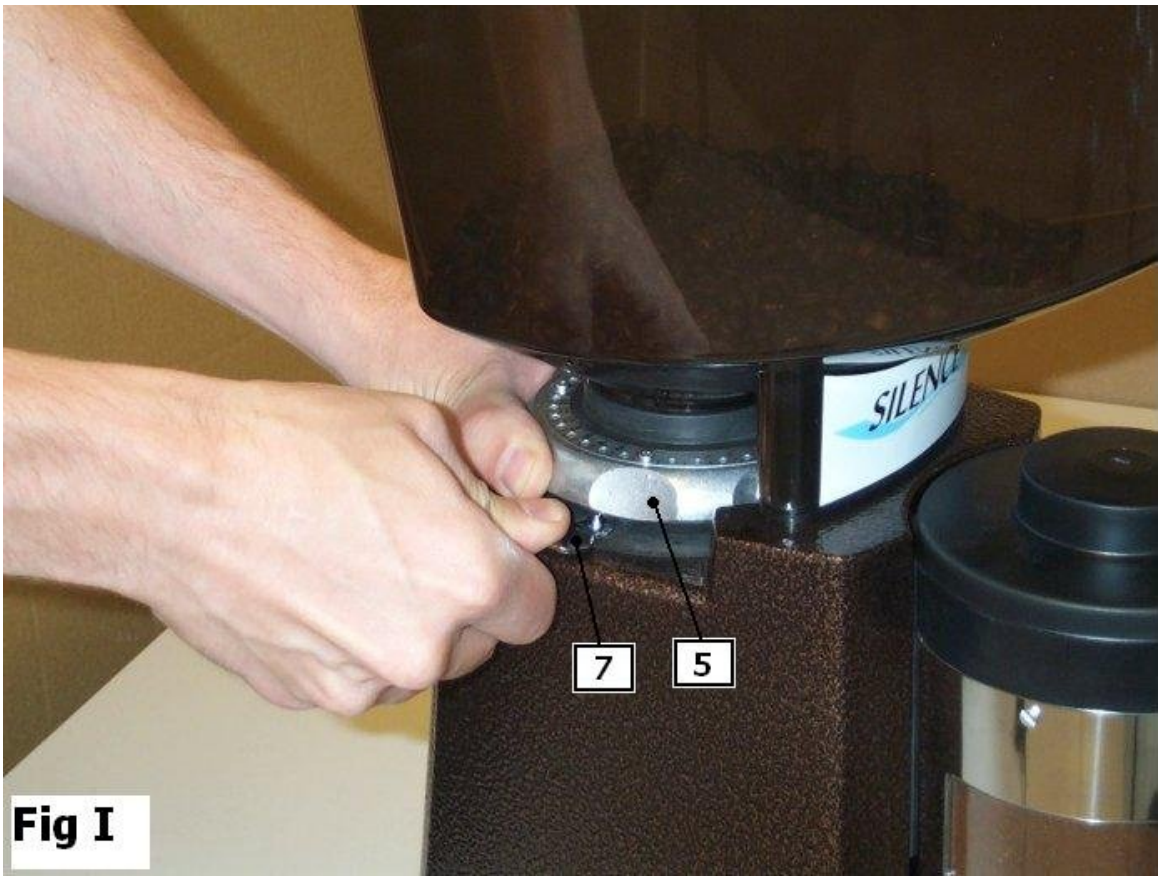

Fig I

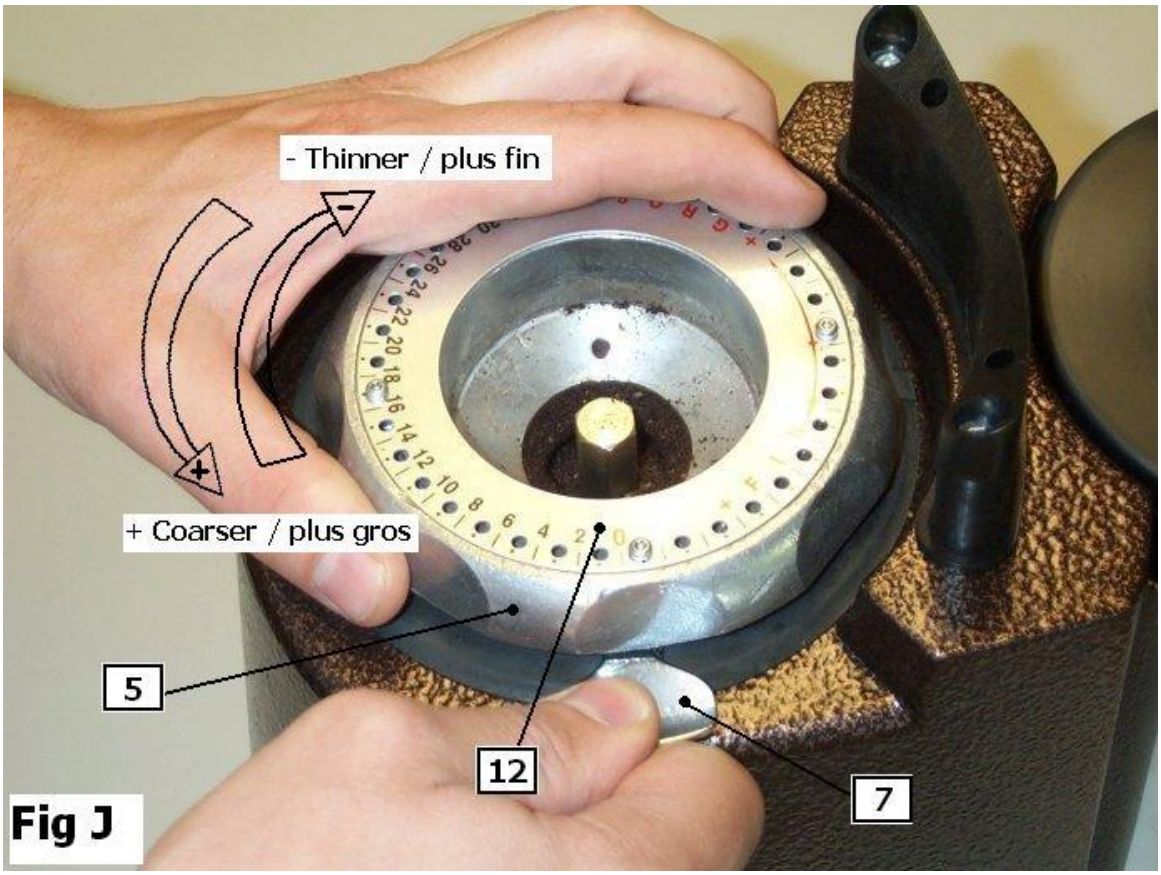

Fig J

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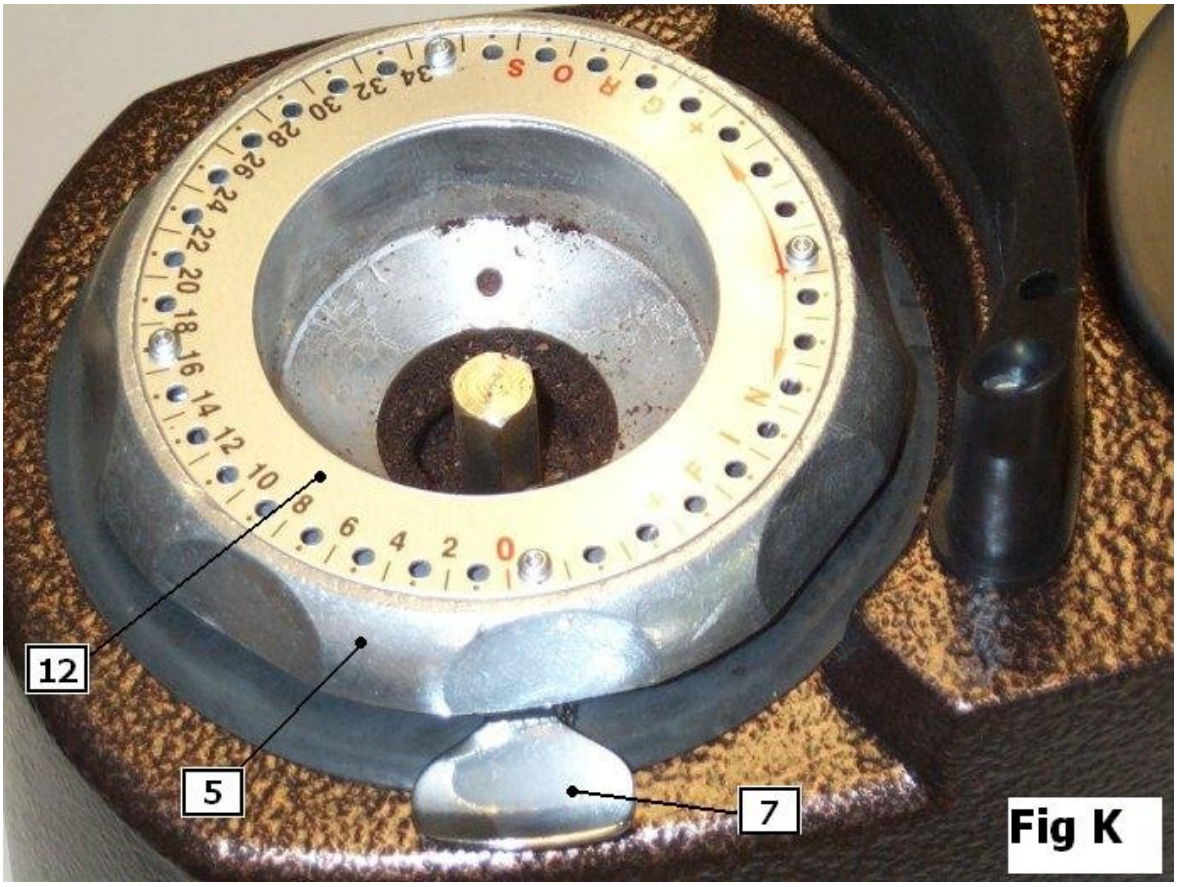

Fig K

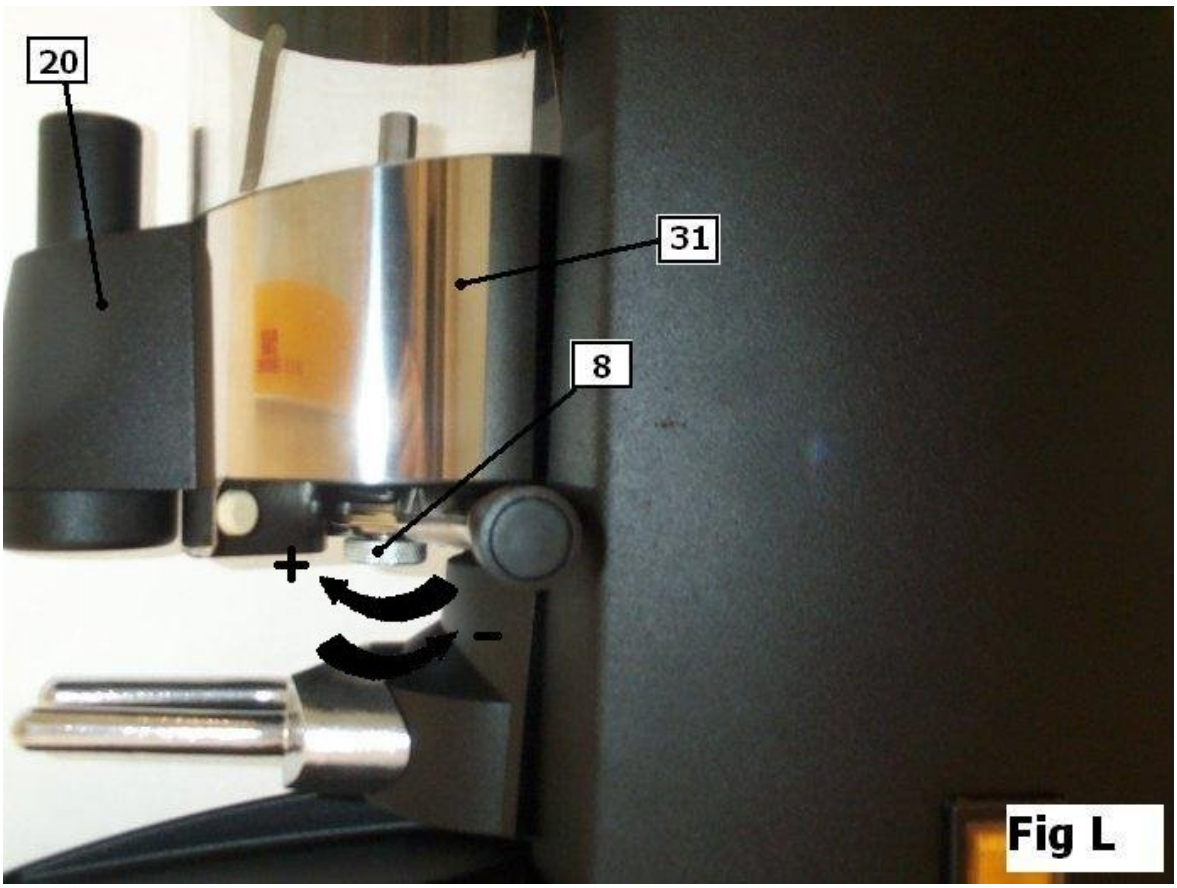

Fig L

ENG

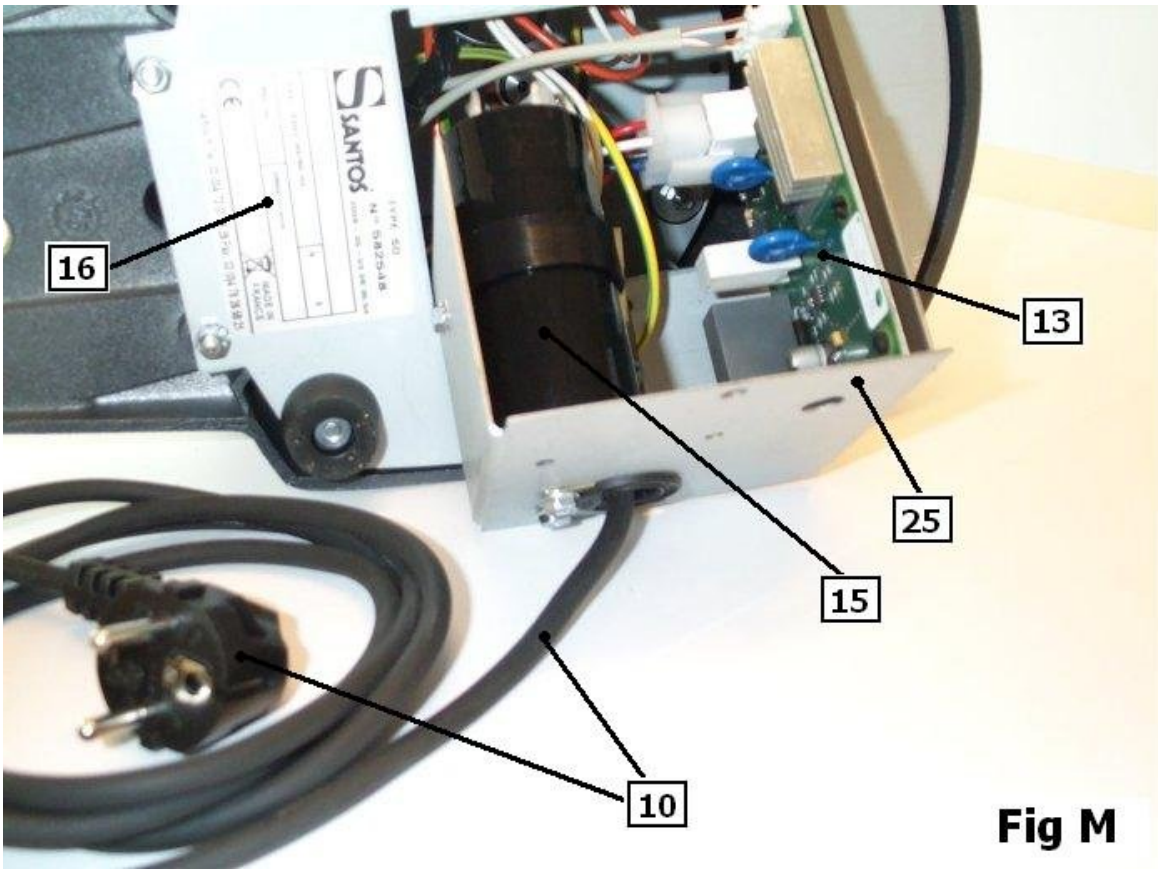

Fig M

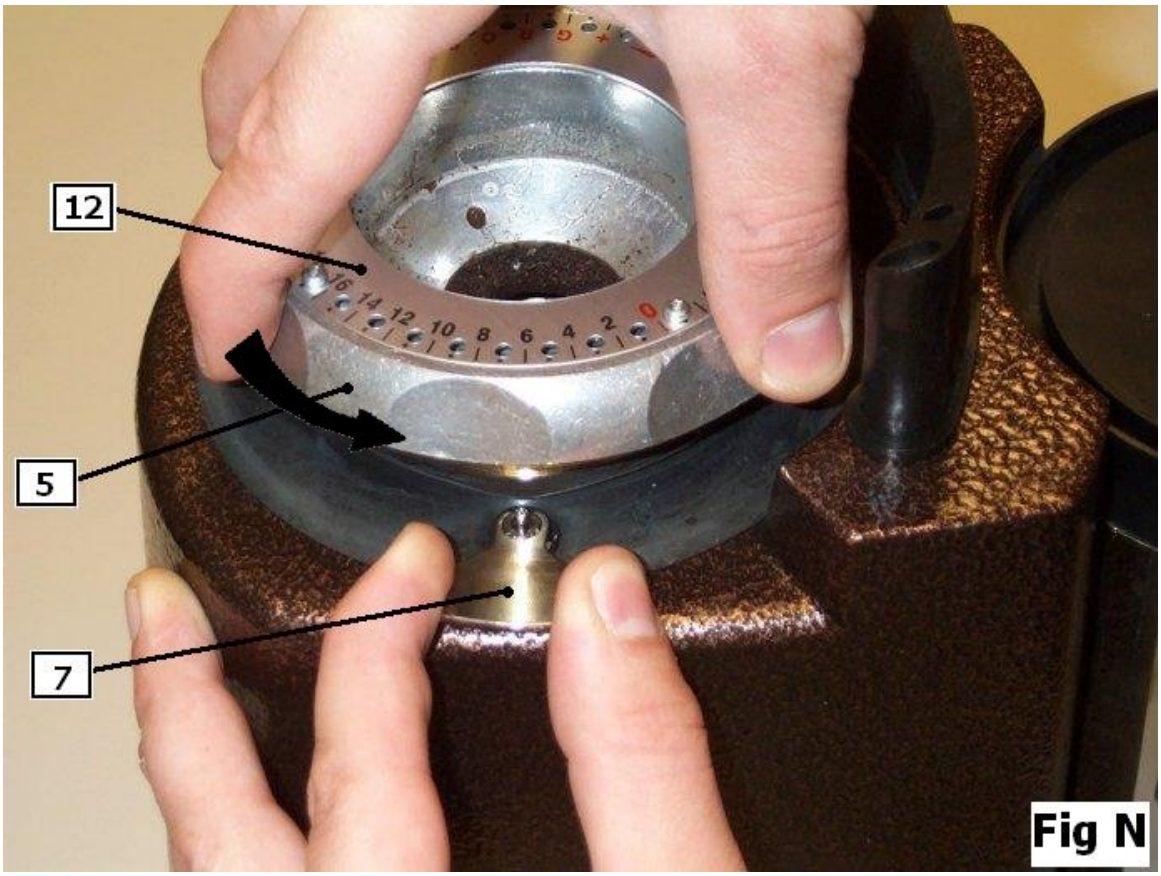

Fig N

ENG

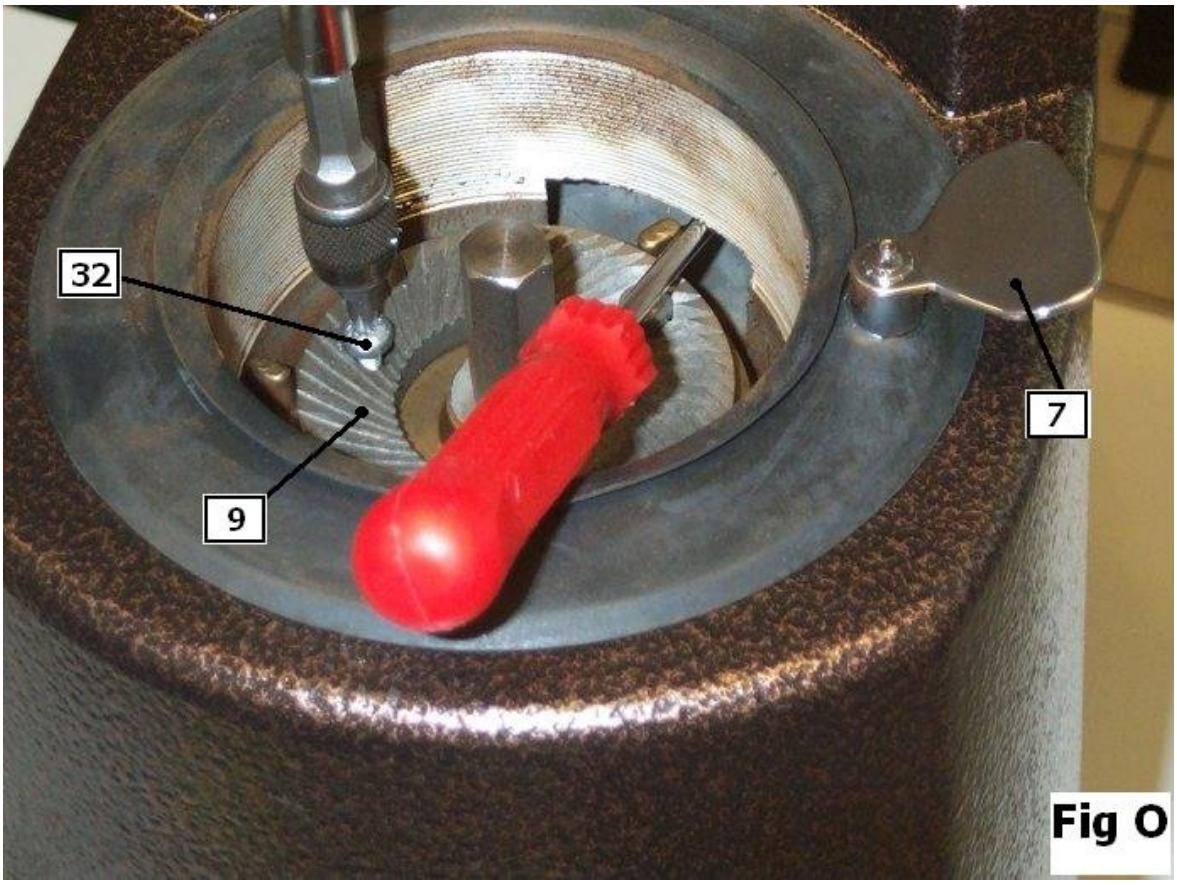

Fig O

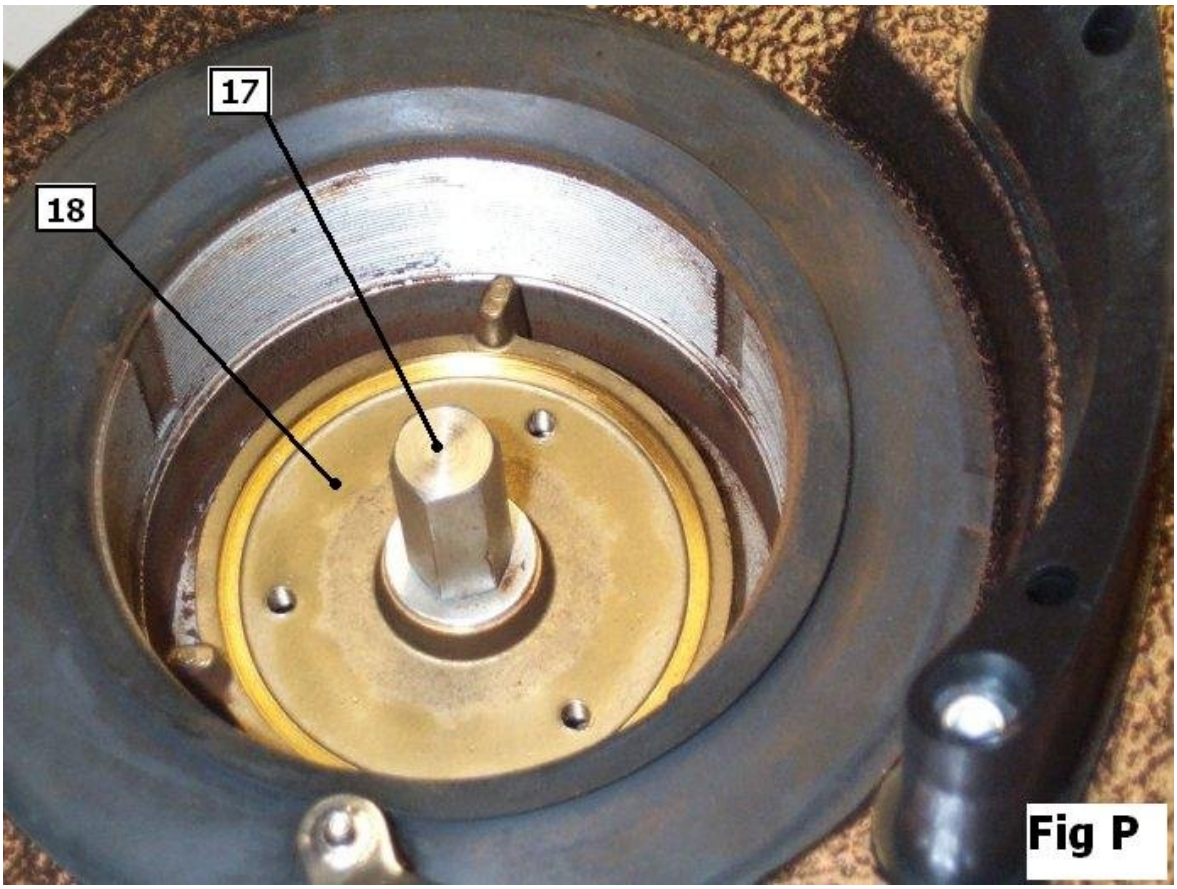

Fig P

ENG

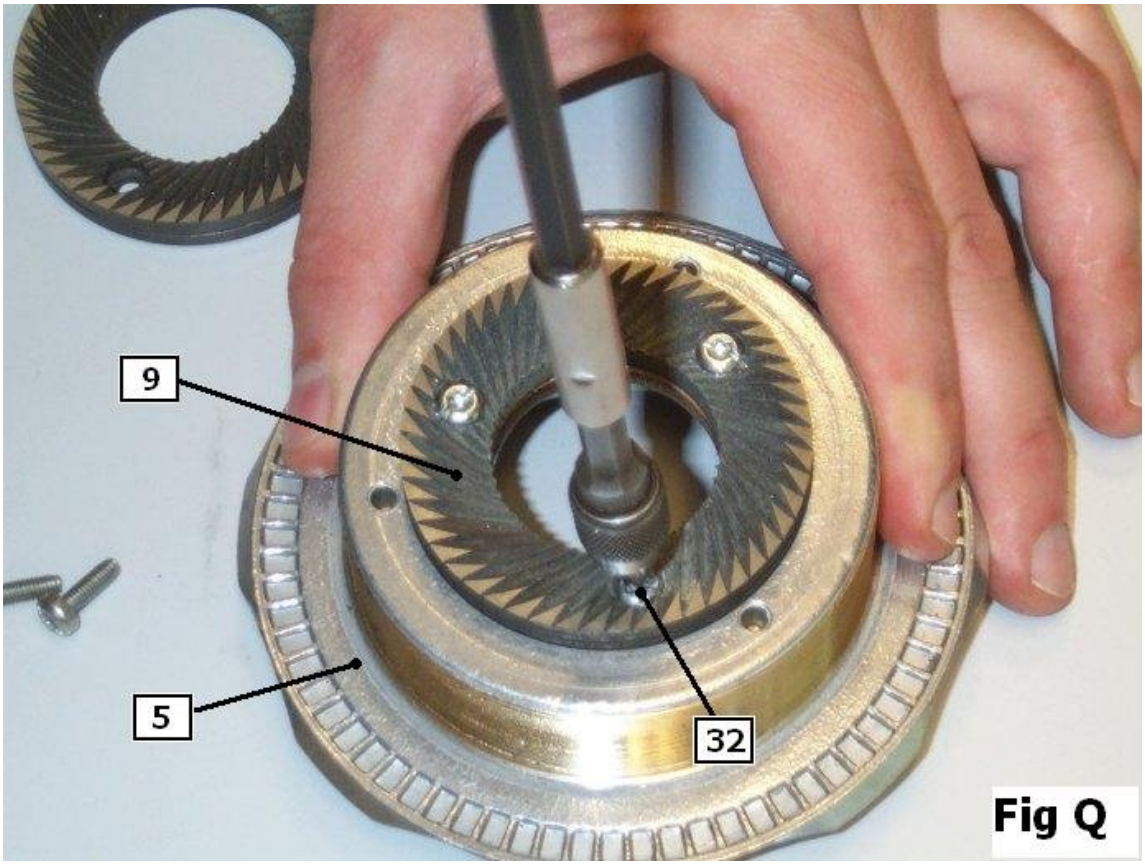

Fig Q

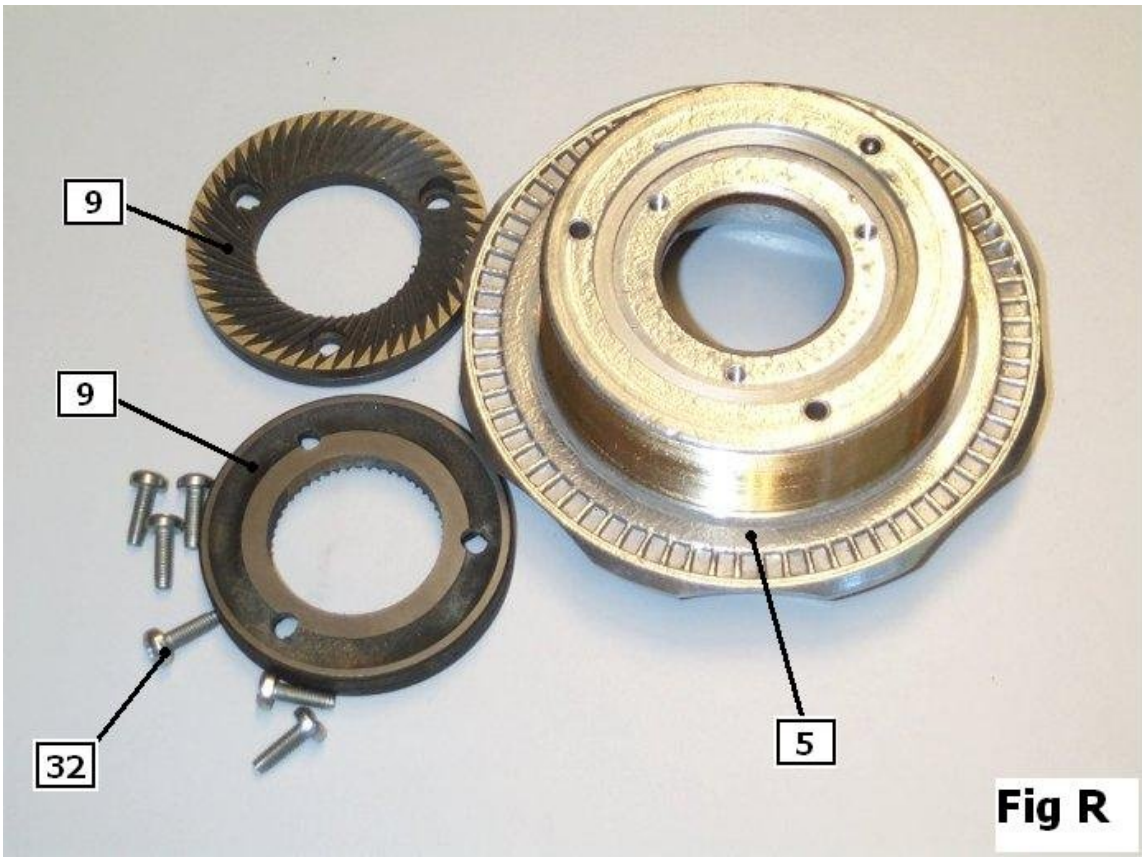

Fig R

ENG

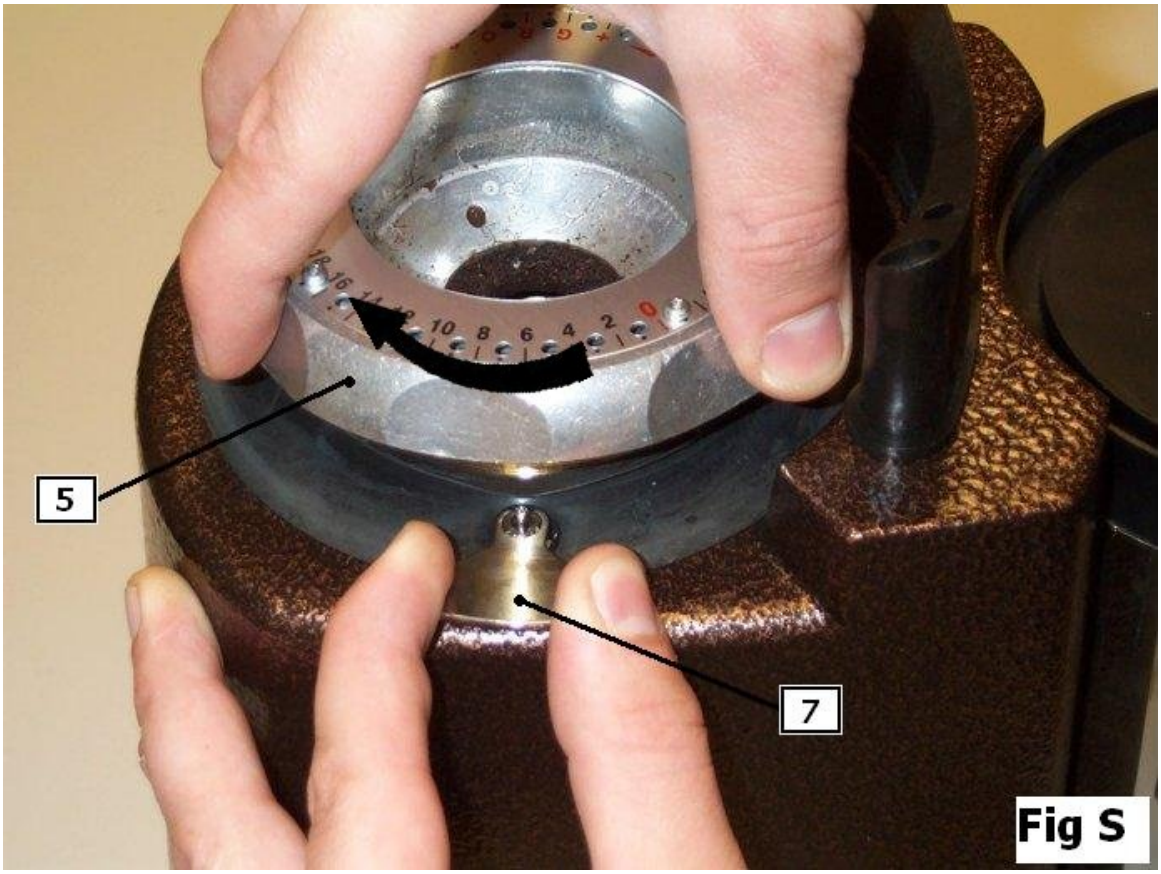

Fig S

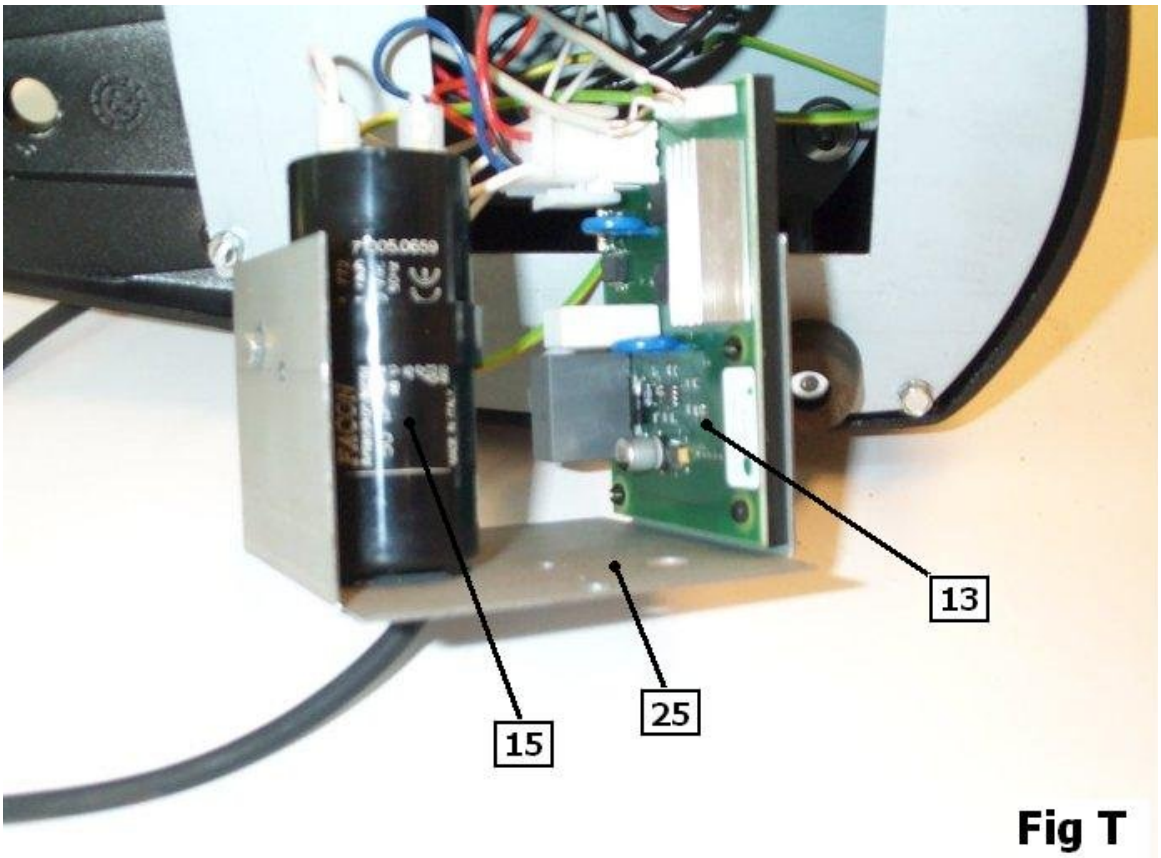

Fig T

ENG

WARRANTY CERTIFICATE

WARRANTY

Since the 01.01.95, all our appliances comply with CE and possess the CE label. Our guarantee is of 24 months from the manufacturing date mentioned on the descriptive plate, except concerning the asynchronous motors (consisting of a rotor and a stator) which are warranted for 5 years from their manufacturing date. Warranty is strictly limited to the free replacement of any part of origin recognized by us as defective due to a defect or building default and identified as belonging to the concerned appliance. Warranty does not apply to damages resulting from installation or use non-complying with our appliance data sheet (user's manual) or in case of an evident lack of maintenance or disrespect of elementary security electric rules. It does not apply in case of regular wear and tear. Any replacement of parts under warranty will be realized after return of the defective part in our workshops, postage paid, supported by a copy of a conformity statement on which appears the serial number of the appliance. Every appliance is equipped with a descriptive plate conforming to the EC recommendations and of which a duplicate exists in the conformity statement (serial number, manufacturing date, electrical characteristics …). In case of serious damage judged repairable only in our workshops, and after prior consent from our departments, any appliance under guarantee is sent by the Distributor, carriage paid. In case of repairs or reconditioning of appliances not under guarantee, the round trip transport is payable by the distributor. The parts and workforce are invoiced at the current rate. A preliminary estimate can be supplied.

Coffee grinder not using SANTOS original burrs are not taken under guarantee. The warranty conditions, repairs, reconditioning, of the espresso coffee grinder are the object of a specific note. Our guarantee does not extend to the payment of penalties, the repair of direct or indirect damages and notably to any loss of income resulting from the nonconformity or the defectiveness of products, SANTOS's global responsibility being limited to the sale price of the delivered product and to the possible repair of the defective products.

In case of revelation of an imperfection during the warranty period, the Distributor has to, unless a different written agreement of SANTOS, indicate to his customer to stop any use of the defective product. Such a use would release SANTOS of any responsibility.

APPLIANCE IDENTIFICATION PLATE

SPECIMEN
For all documents not supplied with the appliance.

Printed, Faxed and Downloaded